

UTILITY PATENT APPLICATION UNDER 37 CFR 1.53(b)



HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS Washington D.C. 20231

Case Docket No. 113918.101

Sir:

Transmitted herewith for filing is the patent application of:

INVENTORS: Lola M. REID, Hiroshi KUBOTA, and Nicholas MOSS

FOR: HUMAN LIVER PROGENITORS

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Enc	losed	are:

- [X] 102 pages of specification, claims, abstract, sequence listing
- [] Declaration & Power of Attorney
- [X] Priority Claimed to U.S. Provisional Application No. 60/116,331 filed January 19, 2000
- [] Certified copy of_
- [X] 16 sheets of formal drawing
- [] An assignment of the invention to ______and the assignment recordation fee
- [X] Return Receipt Postcard
- [] Information Disclosure Statement, Form PTO-1449
- [] Copies of IDS Citations
- [X] Preliminary Amendment

The filing fee has been calculated as shown below:

(1) FOR	(2) NO. FILED	(3) NO. EXTRA	(4) RA	ATE ((5) AMOUNT
TOTAL CLAIMS	44	-20	24		00 -\$216.00
INDEPENDENT CLAIMS	9	-3	7	x \$39.	00 = 273.00
MULTIPLE DEPENCLAIM(S) (If applic			+ \$13	0.00 =	00.00
		BA	SIC FEE		\$ 345.00
Total of	f above calculations	=			\$834.00
[] Assignment & Rec	ording Fee				\$ <u>.00</u>

Docket No.: 113918.101

TOTAL FEE

\$834.00

[]	Please charge my Deposit Account No. 50-0436 in the amount of \$834.00. A duplicate copy of this sheet is enclosed.					
	The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0436. A duplicate copy is enclosed.					
	[] Any additional filing fees required under 37 CFR 1.16.					
	The Commissioner is hereby authorized to charge payment of following for pendency of this application or credit any overpayment to Deposit Account A duplicate copy of this sheet is enclosed.					
	0 0	Any patent application processing fees under 37 CFR 1.17. Any filing fees under 37 CFR 1.16 for presentation of extra claims.				
		Respectfully submitted,				
		PEPPER, HAMILTON LLP				

Gilberto M. Villacorta, Ph.D. Registration No. 34,038

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600 Fourteenth Street, N.W. Washington, D.C. 20005-2004 (202) 220-1200 GMV:CMP:lrr January 19, 2000 DC: #138737 v1 (2Z1T01!.WPD)